

Canadian Radio Astronomy: Surveying the Present and Shaping the Future, Montreal, Sep 13-14, 2017			
Schedule of talks			
Day			
Session			
DAY / TIME	Topic	Speaker / Facilitators	Duration (min.)
Wednesday September 13			
8.00 AM	Coffee and registration		45
	Overview (Chair: Tom Landecker)		
8.45 AM	Welcome	Matt Dobbs	5
8.50 AM	Introduction	Bryan Gaensler	10
9.00 AM	History and Highlights of Canadian Radio Astronomy	Tim Robishaw	25+5
9.30 AM	The Status of Radio Astronomy in the 2010 Long Range Plan and 2015 Mid Term Review	Vicky Kaspi	10
9.45 AM	Discussion: The 2010 Long Range Plan in Today's Context	Greg Fahlman, John Hutchings	20
10.00 AM	Morning tea		30
	Frontier Science with Current and Future Facilities I (Chair: Kristine Spekkens)		
10.30 AM	Pulsars with CHIME	Cherry Ng	12+3
10.45 AM	MWA and ASKAP	Bryan Gaensler	12+3
11.00 AM	ALMA (and ALMA upgrades)	Helen Kirk	12+3
11.15 AM	CCAT-P (and CCAT)	Michel Fich	12+3
11.30 AM	Discussion: The Role of Partnerships in Radio Astronomy	Doug Johnstone, Sean Dougherty	30
12.00 PM	Lunch		75
	Reionisation, Cosmology and the High-Redshift Universe (Chair: Chris O'Dea)		
1.15 PM	Cosmic Dawn and Epoch of Reionization Mapping: Current Status and Future Opportunities	Adrian Liu	12+3
1.30 PM	CHIME Cosmology	Seth Siegel	12+3
1.45 PM	Status and Future of CMB Observations in Canada	Dick Bond	12+3
2.00 PM	Radio and Millimetre Studies of High-Redshift Galaxies	Scott Chapman	12+3
2.15 PM	Prospects for Next Generation Continuum Surveys	Tessa Vernstrom	12+3
2.30 PM	Discussion: Future needs for Reionisation, Cosmology and the High-Redshift Universe	Renée Hložek, Matt Dobbs	30
3.00 PM	Afternoon tea		30
	Frontier Science with Current and Future Facilities II (Chair: Jennifer West)		
3.30 PM	JVLA and VLASS	Julie Hlavacek-Larrondo	12+3
3.45 PM	The Next Generation Very Large Array	James Di Francesco	12+3
4.00 PM	Next-generation VLBI	Michael Bietenholz	12+3
4.15 PM	The SKA Observatory	Robert Braun	12+3
4.30 PM	SKA Regional Centres	Séverin Gaudet	12+3
4.45 PM	Discussion: New Horizons for Radio Astronomy	James Di Francesco, Douglas Scott	45
5.30 PM	End of day 1		
6.00 PM	Dinner		120
Thursday September 14			
8.00 AM	Coffee and Breakfast		
	Time Domain Science (Chair: Tina Peters)		
8.30 AM	Future Canadian prospects on pulsars	Vicky Kaspi	12+3
8.45 AM	Future Canadian prospects on transients and variables	Michael Rupen	12+3
9.00 AM	Fast radio bursts with CHIME and beyond	Shriharsh Tendulkar	12+3
9.15 AM	Discussion: Future needs for Time Domain Science	Liam Connor, Paul Scholz	30
9.45 AM	Morning tea		30
	Multi-wavelength synergies (Chair: Jeff Wagg)		
10.15 AM	Optical and IR (ground-based)	Alan McConnachie	12+3
10.30 AM	Optical and IR (space-based)	Sarah Gallagher	12+3
10.45 AM	High-Energy	Samar Safi-Harb	12+3
11.00 AM	Multi-messenger science	Greg Sivakoff	12+3
11.15 AM	Discussion: Complementing radio astronomy at other wavelengths	Shriharsh Tendulkar, Chris O'Dea	30
11.45 AM	Lunch		75
	Gas, Galaxies and Magnetism (Chair: Theresa Wiegert)		
1.00 PM	Future Canadian prospects in HI: Galactic	Jeroen Stil	12+3
1.15 PM	Future Canadian prospects in HI: Extragalactic	Kristine Spekkens	12+3
1.30 PM	Future Canadian prospects in Magnetism	Jo-Anne Brown	12+3
1.45 PM	Discussion: Future needs for Gas, Galaxies and Magnetism	Martin Houde, Roland Kothes	30
2.15 PM	Afternoon Tea		30
	Future Prospects for Science and Technology (Chair: Michael Rupen)		
2.45 PM	Designing the Future Data Management Environment for Radio Astronomy	JJ Kavelaars	12+3
3.00 PM	Current and Future Technology Initiatives	Luc Simard	12+3
3.15 PM	Strengths and Capabilities of Canadian Radio Astronomy	Keith Vanderlinde	25+5
3.45 PM	Outlook and Opportunities for Canadian Radio Astronomy	Gary Hinshaw	25+5
4.15 PM	Discussion: The Way Forward	Norbert Bartel, Scott Chapman	30
4.45 PM	Synthesis and Next Steps	Bryan Gaensler	15
5.00 PM	End of meeting		